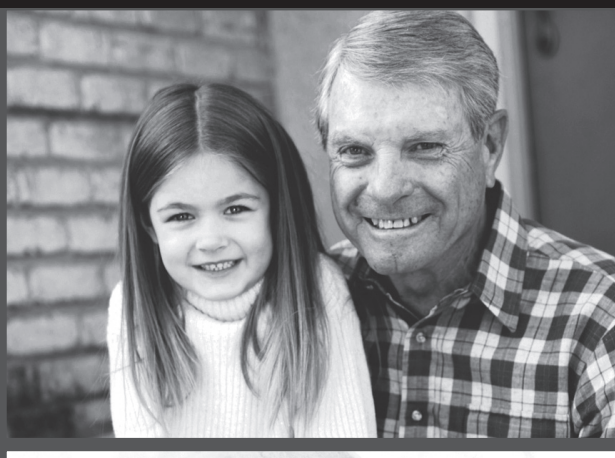
PINNACLE Stair Lift

SL600CE
OWNER'S MANUAL

Harmar®



Read and understand this manual thoroughly before attempting to install or operate the lift. If you have any questions, please contact your Authorized Harmar Dealer or Harmar's Technical Service Department.

Dealer Name & Contact Information:

_____

_____

_____

Serial # of Your Lift: _____

Install Date: _____

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TEC0032 20140815 P/N: 630-00011 Rev B

Contents

Peace-of-mind comes in many forms. It's knowing you can get up and down stairs on your own. It's regaining your independence. It's feeling secure each and every time you ride your stair lift—knowing you don't have to worry about power outages, or about parking it at a specific spot on the track. It's knowing you've made the best decision and acquired the right stair lift for you. That's the feeling you get when you own a Pinnacle™ Stair Lift from Harmar.

This energy-efficient stair lift is simple to operate, durable, and lightweight. Surprisingly compact when folded, the Pinnacle™ boasts a unique patented drive system, wireless remotes and intuitive operating controls with indicator lights.

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SYMBOLS USED IN THIS MANUAL

READ MANUAL - Pay close attention to the instructions in the manual.

CAUTION - Hazardous situation. If not avoided, could result in serious damage to property.

WARNING - Hazardous situation. If not avoided, could result in serious injury to installer or user.

INDICATIONS OF USE STATEMENT

The Pinnacle CE Stair Lift is to assist transfer of patients or mobility impaired persons, up and down between levels of a residential or private facility.

Read & Understand this Manual in its Entirety Prior to Installation or Operation. Follow all operating procedures in order to avoid possible injury and/or property damage. If you do not understand any portion of installation or operation, please consult our technical service department or authorized mobility dealer.

Installation Site Electrical Requirements - The lift shall be connected to a dedicated 110-230 V electrical circuit that is protected by a 30mA residual current device.

Lighting Requirements - The stairway where the lift is installed shall have a minimum of 50 lux lighting in the areas where the lift will be boarded.

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Dealer Information

Name: _____

Address: _____

_____

Telephone Number: _____

Email: _____

If you have questions concerning the operation or maintenance of your stair lift, please contact your dealer.

Technical Specifications

Weight capacity: ..... 159 kg / 25 st / 350 lbs

Stair angles: ..... 27 - 45 degrees

Speed: .....0.1m/s / 19 fpm

Shipping weight: .....Approx. 83.5 kg / 13 st / 184 lbs

Interchangeable arms: ..... Yes

Interchangeable side to side: ..... Yes

Operating power: ..... 24 VDC battery

Power supply input: .....220 VAC; 50 Hz

Power supply output: .....33 VDC; 1.2 Amps

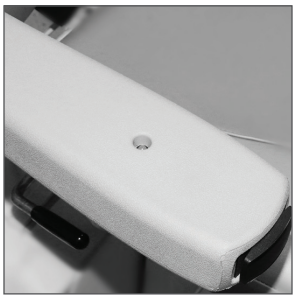
Drive system: .....Worm/Rack

Rail: .....Extruded aluminum

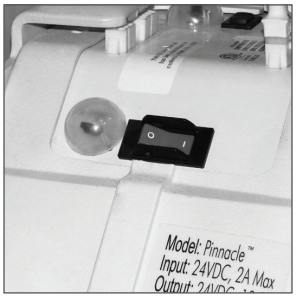
Plastic covers: ..... ABS - flame retardant

Trips per hour: ..... 10 max

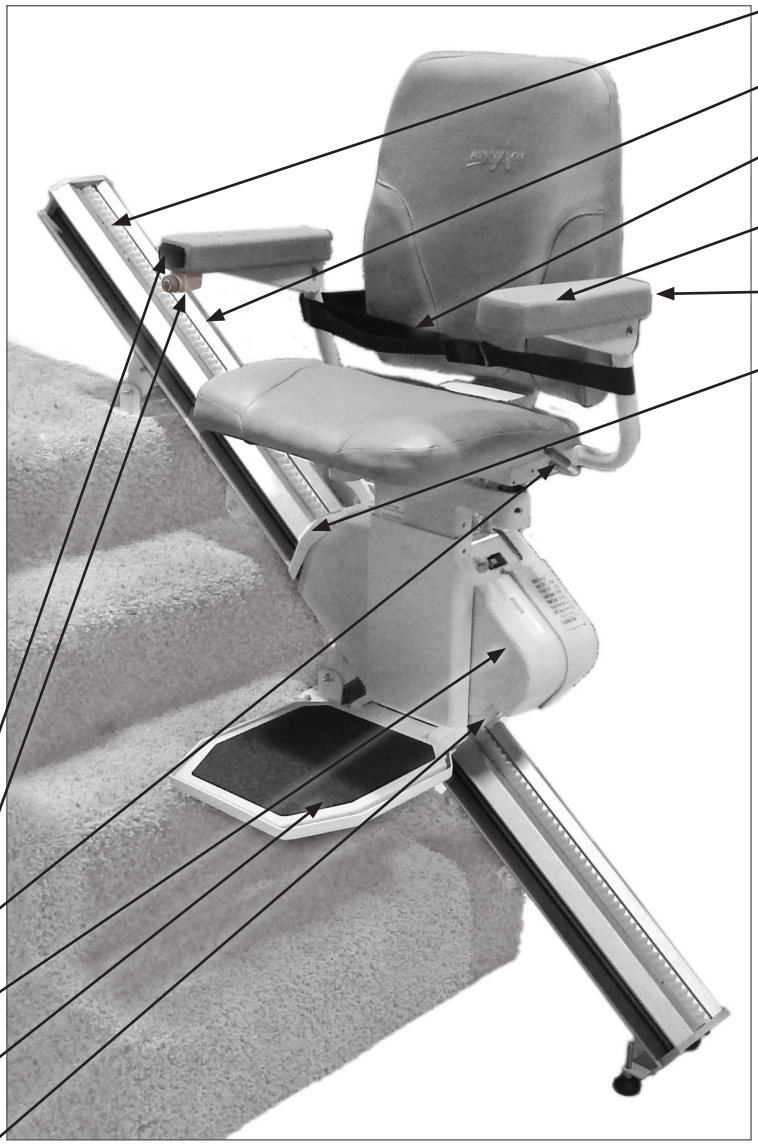
Stair Lift Features



LED Indicator



On/Off Switch



Optional Signature Seat and Folding Rail Shown

Remote Control

Manual Hand Crank

Safety Features

- There are sensitive edges on the top and bottom of the carriage, and the front, back and underside of the footrest. If any of these edges touches an obstruction the lift will halt immediately and the armrest LED indicator light will turn orange. The lift may only be driven away from the obstruction.
- An interlock on the swivel seat prevents the lift from being operated unless the seat is in its normal, locked position. The remote controls are disabled for a 15 second period after the armrest control is used.
- In the event of an emergency the Pinnacle and all its powered features can be stopped by pressing the emergency stop button. The emergency stop button is the red button located underneath the front of the armrest of the control arm.

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Controls

- The red "ON/OFF" switch is located on top of the carriage. This switch is normally left in the "ON" position (I). This switch can be turned "OFF" if you do not expect to use the lift for an extended period of time. Ensure that the lift is in the charging position.
- The main "UP/DOWN" control switch is located at the front of one armrest. Use this switch for normal operation of the lift while in a seated in a secure position.
- There are "UP" and "DOWN" buttons on the remote call/send hand control units.
- There is a three-color LED indicator light on one armrest.
- Units are equipped with a key switch located at the back of one armrest. Turn this off and remove the key when you want to ensure the lift cannot be used in your absence.

Stair Lift Operation

WARNING *Do not carry pets or children on your lap while riding the stair lift. The lift is designed for use by only one person at a time.*

Step 1: To turn the stair lift on, press the red "ON/OFF" switch located on the top of the carriage to the "ON" position (I) and ensure that the key switch (if equipped) is "ON." When the lift is turned "ON" a green light on the armrest will indicate that the lift is ready for use.

Step 2: To aid entry to the chair, the armrest on the entry side may be raised. When positioning yourself on the seat at the upper landing, ensure the seat is fully swiveled and locked in position for safety. The seat may be swiveled by depressing the swivel release handle on either side of the seat.

WARNING *Never attempt to operate the lift while standing up. Always sit in the center of the seat with the seat belt fastened around your waist.*

Step 3: Ensure that you are securely seated and armrests are in down position before operating the lift. To operate the lift, continuously press the hand control switch on the side in which you wish to travel.

WARNING *Keep your feet centered on the footrest while traveling up and down the stairs. Never dangle your feet off the footrest while riding the lift.*

Stair Lift Operation (cont)

Step 4: If you release the control switch the lift will stop. Continue to press the switch or button all the way to the landing. The lift will gently stop at the appropriate, preset point.

Step 5: To safely exit the lift, support yourself by the armrests, rise and step off the footrest. At the upper landing, ensure that the seat is fully swiveled and locked before rising. If you do not intend to use the lift again immediately the seat and armrests may be folded up to minimize obstruction to people walking on the stairs.

WARNING *When transferring in or out of the seat use the armrests to assist you. Ensure the seat is securely latched before transferring in or out.*

Step 6: To operate the lift remotely, continuously press the appropriate up or down button on the call/send hand control unit. These hand control units are usually attached to a wall at the upper and lower landings of the staircase. Like all infrared devices, the signal may be interrupted if the hand control unit is not in the line of sight of the stair lift. If this happens the lift may temporarily stop but restart immediately, as long as the hand remote is pressed continuously.

If you are operating the lift remotely on behalf of another person, please ensure that they are securely seated with the seat belt engaged. Always keep the person in line of sight before commencing movement.

NOTE: An amber light and single beep indicate that the lift has touched an obstruction and may only be operated in the opposite direction of the obstruction. Clear the obstruction before proceeding.

If the light flashes orange and the lift beeps intermittently, the lift has been stopped away from the top or bottom charging stations. Please move the lift to either end of the rail to ensure the batteries remain fully charged.

The LED indicator light will turn red if there is a service issue. Turn the "ON/OFF" switch to the "OFF" position (O) and then back to the "ON" position (I). The lights should sequence red-amber-green. If the light does not return to green, please call your service representative.

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Maintenance

Battery Charger

The stair lift should be kept fully charged at all times. When the lift stops at an upper or lower landing it will charge automatically. The power supply should be left plugged in at all times and the lift may be left on charge indefinitely, as the charger is intuitive and will not overcharge.

Note: The stairlift must be turned on to enable battery charging. Batteries will not charge when lift is turned off.

Care And Cleaning

The lift should require no technical maintenance to continue to operate at full capability. There is no grease or other lubricants used in the drive system, and no adjustments should be required. However, the lift should be inspected annually. The lift and rail should be kept clean. Dust can build up on surfaces, and soiling may occur. The upholstery and carriage can be cleaned with a damp, soapy cloth followed by a clean, damp cloth. Do not use abrasive cleansers as these can damage the finish. If heavy soiling occurs, clean by scrubbing lightly with a soft brush.

Manual Overide Operation

If your lift fails to operate and the operator does not wish to dismount on the stairway, another person may use the manual overide tool to lower (or raise) the lift to a landing. However please follow the instructions on the bottom safety flap of the lift and turn the lift off. Insert the manual overide tool into the hole in the lower safety flap until it engages the motor shaft, and turn in the direction indicated..

WARNING

Do not operate the lift with the manual overide tool engaged.

Owner Information and Troubleshooting

Owner Information

Thank you for purchasing a Pinnacle™ Stair Lift from Harmar. This is the most trouble-free stair lift on the market today. It is our hope this lift will provide the independence you want in your day-to-day life.

Date purchased:_____

Lift serial number: _____

If warranty work or service is needed, your dealer will need the data above to receive factory information or order parts for this lift.

Troubleshooting

- If your lift does not operate, diagnose the problem by observing the LED indicator light on the armrest and listening to the beeps emitted:
- A green light indicates the lift is in operating mode and may be moved in either direction.
- An amber light indicates the lift is touching an obstruction and may be operated only in the direction away from the obstruction.
- A flashing amber light, accompanied by an intermittent beep for 30 seconds indicates the lift has been stopped off the charge station. This repeats every 5 minutes until the lift is returned to the charge station. It is recommended that the lift be immediately moved to a charge station (located at either end of the rail).
- A red light indicates a problem that may require a service call. If the light remains red after attempting to reset the lift by turning it "OFF" and then "ON" again, please contact your local dealer or Harmar and describe the problem. A local technician will need to be contacted to repair the problem if it cannot be repaired over the phone.

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PINNACLE™ STAIR LIFT THREE YEAR WARRANTY CERTIFICATE

PLEASE FILL OUT ALL FIELDS AND RETURN WITHIN TEN (10) DAYS OF PRODUCT PURCHASE.

Scan and email (europe@harmar.com) or fax (+31 (0)76 5236031) completed form or mail to Harmar, ATTN Warranty Department, 28-2 De Slof, 5107 RJ Dongen, Netherlands. Harmar Mobility, LLC warrants to the original purchaser of a Pinnacle Stair Lift manufactured by us to be free from defects in material and workmanship for a 3-year period on all component parts of the lift and 10-year period on the gear rack.

Exceptions to this Limited Warranty are:

- *Batteries are warranted for a 1-year period*
- *Damage resulting from improper installation or operation*
- *Negligence, alterations, abuse or misuse of the equipment*
- *Fire, flood, acts of God*
- *Torn or dirty upholstery*
- *Shipping damage*
- *Parts used that are not supplied by Harmar Mobility, LLC*
- *Labor fees for installation work or service calls*

No warranty is extended, express or implied, whether of merchantability or fitness for a particular purpose, after expiration of 3 years from the date of original purchase of the unit. Harmar Mobility, LLC and its dealers shall not be liable for any consequential, special or incidental damages arising out of the purchase or use of the unit or resulting from the breach of this Limited Warranty, or any implied warranty. The limit of liability of Harmar Mobility, LLC and its dealer hereunder shall be the unit's purchase price. Some areas do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, or legal remedies, so these above limitations may not apply to you. All warranty claims must be reported to the dealer from whom the lift was purchased as they have responsibility for handling your warranty claim. The dealer is to contact the Service Department of Harmar Mobility, LLC and provide the serial number of the lift along with a description of the events leading to the warranty claim. Dealers may charge for labor, service, travel, or other associated costs to make repairs, and such charges are not covered by this Limited Warranty. It is permissible to have any repairs or replacement work done as a result of any defects in material and workmanship by someone other than the Dealer under this Limited Warranty. However, the Limited Warranty does not cover any charges or expenses assessed by any such other person or company performing such repairs or replacement work. All parts used to replace defective materials must be genuine Harmar Mobility, LLC parts to be covered by this Limited Warranty. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from country to country.

Product Information

Model:_____

Serial Number: _____

Purchase Date: _____

Installer Information

Company Name:_____

Contact Name: _____

Address: _____

_____

Phone:_____

Fax: _____

Email:_____

Purchaser Information

Name: _____

Address: _____

_____

Phone:_____

Email:_____

Additional Information

How did you hear about Harmar?

☐ Harmar Dealer
☐ Internet
☐ Magazine
☐ Friend or Acquaintance
☐ Saw Harmar product somewhere
☐ Other_____

Do you have internet access? ☐ Yes ☐ No

I purchased my Harmar lift because of?

☐ Style/Appearance
☐ Harmar Representative
☐ Previous Experience
☐ Ease of Use
☐ Recommendation
☐ Price/Value

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Declaration of Conformity

CE

Harmar

We, **Harmar Mobility LLC**, 18505 E. 163RD STREET LAKE WINNEBAGO, MO 64034 USA, Phone; 941-351-2776, Fax: (866) 234-5680 declare under our sole responsibility that the product

Pinnacle CE, Stair Lift, SL600CE

To which this declaration relates is in conformity with the following standard(s) or other normative document(s) and directives.

EC Type Examination: Intertek Report No. 101698025DAL-001 (Harmar DCD # ENG-000159)

IEC 60204-1
Issue:2009/02/01 Ed:5.1 International Standard for Safety of Machinery – Electrical Equipment of Machines.

EHSR 2006/42/EC
Issue:2009/08/24 Ed:1 Directive for Essential health and Safety requirements relating to construction of machinery. Annex I.

EN 81-40
Issue: 2008/10/29 Ed: 1 Rev: 2009/02/18 European Standard for Safety of Stairlifts and inclined lifting platforms intended for persons with impaired mobility.

The Technical Construction File is maintained at:
Harmar Mobility, LLC, 18505 E. 163RD STREET LAKE WINNEBAGO, MO 64034 USA

The authorized representative located within the Community is:

Koopmans Mobility

Address:
De Slof 28-2
5107 RJ Dongen
Netherlands

Phone: +31 (0)76 7602824

Email: Europe@harmar.com

Date of issue: 04AUG14
Place of issue: LAKE WINNEBAGO, MO, USA

Harmar Mobility, LLC

Dave Sapuppo
Director of Quality Assurance

Koopmans Mobility

Richard Koopmans
Managing Director

ENG 630-00013

PINNACLE Stair Lift

SL600CE
OWNER'S MANUAL

Harmar®

Harmar Europe
28-2 De Slof
5107 RJ Dongen
Netherlands
Phone: +31 (0)76 2019262
Fax: +31 (0)76 5236031

Harmar UK Ltd
Unit 35
Phoenix Industrial Estate
Charles Street
Great Bridge
West Bromwich
B70 0A
Phone: +44 0121 314 7450

Harmar USA
2075 47th Street
Sarasota, FL, USA 34234
Phone: 1 (941) 351-2776
Fax: 1 (866) 234-5680

www.harmar.com
email: europe@harmar.com